

# Sapphire<sup>®</sup>



## SPECIALTY HERBICIDE

Depend on new Sapphire<sup>®</sup> specialty herbicide for superior post-emergence control of English lawn daisy. It contains the patented active ingredient penoxsulam, which is absorbed via leaves, shoots and roots, and begins to work immediately by translocating throughout the entire plant to achieve control.

Sapphire provides unmatched protection against English lawn daisy, a high-anxiety weed problem for golf course superintendents on the West Coast, and is a good tank-mix partner with other labeled herbicides offering a broader spectrum of weed control. Sapphire has shown tolerance on cool- and warm-season grasses on golf course fairways and roughs.

Extremely low use rates help decrease the overall environmental pesticide load on turfgrass and reduce container shipping, storage, handling and disposal requirements. Sapphire is packaged in a convenient 1-pint tip-and-measure container to help eliminate errors and spilling.

### Recommenda**tions**

Apply one product, Sapphire, rather than mixing as many as four or five other herbicides to control English lawn daisy. Field trials show that two sequential applications at the labeled rate of 8 oz./A at four-week intervals provide 95 percent control. Use the higher label rate when heavy weed populations are present. Trials show best control of English lawn daisy is achieved with late summer/early fall applications.



### Key Benefits

- **Superior postemergence control of English lawn daisy.** Sapphire does not require the combination of four or five active ingredients to deliver English lawn daisy control.
- **Fewer applications needed per year.** Field trials show that two sequential applications at the labeled rate of 8 oz./A at four-week intervals provide 95 percent control.
- **Environmentally responsible.** Penoxsulam, the active ingredient in Sapphire, was accepted for review and registration under the U.S. Environmental Protection Agency's Reduced Risk Pesticide Initiative.
- **Excellent tank-mix partner.** Sapphire can be mixed with other labeled herbicides to broaden the spectrum of weed control.
- **Flexible application schedule.** Sapphire can be applied in the spring and/or late summer/early fall.
- **Low use rates.** Sapphire specialty herbicide uses as little as 0.02 pound of active ingredient per acre, reducing container shipping, storage, handling and disposal requirements.

### Weeds Controlled

Sapphire® specialty herbicide provides post-emergence control of English lawn daisy and white clover. Field trials demonstrate superior control over current herbicide standards for these difficult-to-control weeds.

- chickweed, common
- chickweed, mouseear
- clover, hop
- clover, red
- clover, white
- dandelion, common
- dollarweed
- English lawn daisy
- false dandelion
- Florida betony
- ivy, ground
- kyllinga, annual and green (suppression only)<sup>1</sup>
- lespedeza, common
- medic, black
- nutsedge, purple and yellow (suppression only)<sup>1</sup>
- parsley-piert
- plantain, broadleaf
- plantain, buckhorn
- thistle
- Virginia buttonweed<sup>1</sup>

### Sapphire Rate Chart

Bermudagrass, Kikuyugrass, St. Augustine, Zoysiagrass	0.02 - 0.06 # ai /acre or 0.5 - 1.5 pints ai /acre or 0.18 - 0.55 fl oz / 1000 sq ft
Centipedegrass (Do not apply during winter dormancy. Should be green and actively growing at application)	0.02 - 0.06 # ai /acre or 0.5 - 1.5 pints ai /acre or 0.18 - 0.55 fl oz / 1000 sq ft
Annual bluegrass/bluegrass Kentucky, chewing fescue, creeping red fescue, sheeps fescue	0.02 - 0.04 # ai /acre or 0.5 - 1 pints ai /acre or 0.18 - 0.36 fl oz / 1000 sq ft
Ryegrass, Tall Fescue	0.01 - 0.02 # ai /acre or 0.25 - 0.5 pints ai /acre or 0.09 - 0.18 fl oz / 1000 sq ft



### Additional Information

Contact the Customer Information Center at Dow AgroSciences via email ([info@dow.com](mailto:info@dow.com)), fax (800-905-7326) or phone (800-255-3726) for more information. Or contact your Dow AgroSciences sales representative.



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State restrictions on the sale and use of Sapphire apply. Consult the label before purchase or use for full details. Always read and follow label directions.

<sup>1</sup> Re-treatment may be necessary. T01-354-004 (09/13) DAS 010-60568